

Date: Thu, 8 Apr 93 10:03:44 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #434
To: Info-Hams

Info-Hams Digest Thu, 8 Apr 93 Volume 93 : Issue 434

Today's Topics:

 40M antenna question (2 msgs)
 [ANS] Repeaters freqs for AK
 Acuterm
 CUBAN HAM TO BE IN USA SHORTLY CO2KK ARNALDO CORO
 MFJ ... QRP
 MFJ Super HiQ loop Antenna (2 msgs)
 MFJ Super LOOP ship? (2 msgs)
 Mods for the Radio Shack 10 meter rig?
 Need tone decoder circuit
 Please help. PK-232 vs KAM
Re: RFD: rec.radio.amateur reorganization [discussion summary 3/31] (2 msgs)
 RFD: rec.radio.amateur reorganization
 Russian Amateurs in Tomsk address ??
 Some R5/R7 antenna questions...
 STS-56 Mission Sighting & Keps

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Apr 1993 14:21:39 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!roundup.crhc.uiuc.edu!
uicsl.csl.uiuc.edu!gene@network.UCSD.EDU
Subject: 40M antenna question
To: info-hams@ucsd.edu

mulvey@world.std.com (Richard K Mulvey) writes:

>Hello!

> In anticipation of getting my Tech+ license in a few weeks, I'm starting
>to accumulate some equipment. I currently have an Oak Hill 40M QRP rig, and
>now I need to set up an antenna... the problem is that I live in a VERY
>small apartment, with no access to rain gutters, etc. for the typical
>"stealth" antenna. I can, however, get access to a long, 4ft. high wooden
>fence that is a few feet from my back window, so I was thinking of running
>a feedline out to it and putting a full-size dipole on the back side. :-)
>My question is: how badly will receiving/transmitting be affected with
>the antenna only 4' from the ground? The reason that I haven't actually
>*tried* it yet is because I have to drill a hole in a brick wall if I'm
>going to use this method. My second question is: Has anyone tried the
>MFJ "portable" antenna? Is it a reasonable alternative to the dipole?
>For that matter - does anyone have comments about other alternatives? Thanks
>for any help you can give me!

>- Rich

>--

>Rich Mulvey	mulvey@world.std.com	"A thing of beauty is a joy forever:
> {&&, }	73476.1142@compuserve.com	its loveliness increases; it will
>Katy Mulvey	(The new Mrs Mulvey! :-)	pass into nothingness..."

Even a small 2-turn, 3' diameter vertical loop made of 1/2" copper or aluminum tubing will surprise you, but you would be "really" surprised if you could manage a 2-turn 6' diameter version...with the bottom about 4' off the ground and tuned with a split-stator capacitor. No ground or radials required but it will be Hi-Q (narrow-band) and remote tuning needed for conveniently changing frequency. The tuning capacitor (across the ends of the loop) locates conveniently at the bottom, as well as the 50 ohm coax feed which taps in directly near the electrical center-tap.

I believe the May issue of "RadioWorld" (due out in a week or two) will have an extended construction article describing these techniques in detail for 160-80-40 and 20M bands.

--

UUCP: {att,iuvax,uunet}!uiucuxc!uicsl!gene
Internet, BITNET: gene@uicsl.csl.uiuc.edu

Date: 8 Apr 1993 15:11:35 GMT

From: sdd.hp.com!ux1.cso.uiuc.edu!roundup.crhc.uiuc.edu!uicsl.csl.uiuc.edu!
gene@network.UCSD.EDU
Subject: 40M antenna question
To: info-hams@ucsd.edu

Correction....the publication mentioned above should have been
"Worldradio".....not RadioWorld.
--

UUCP: {att,iuvax,uunet}!uiucuxc!uicsl!gene
Internet, BITNET: gene@uicsl.csl.uiuc.edu

Date: 8 Apr 93 12:35:17 GMT
From: news-mail-gateway@ucsd.edu
Subject: [ANS] Repeaters freqs for AK
To: info-hams@ucsd.edu

When you arrive in Anchorage, jump on the 146.94 machine,
call KL7IKX or KL7ITI. Both these gentlemen are "leaders"
in the VHF community in Alaska and should be able to tell you
what the current frequencies for Denali are.

If my feeble mind remembers right, you should be able to work
the 147.30 near Anchorage or the 145.25 on Mt Sue from there.

jd

Date: 8 Apr 1993 14:16:51 GMT
From: usc!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!
ag821@network.UCSD.EDU
Subject: Acuterm
To: info-hams@ucsd.edu

Someone asked for the address and Phone.. sorry,
lost the message:

Acuter, W.R. Kissel, N8BA
PO Box 395
Milford, MI 48381

(311)685-8671

Jeff, AC4HF

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: Thu, 8 Apr 1993 13:32:40 GMT
From: usc!cs.utexas.edu!utnut!nott!cunews!freenet.carleton.ca!Freenet.carleton.ca!
aa367@network.UCSD.EDU
Subject: CUBAN HAM TO BE IN USA SHORTLY C02KK ARNALDO CORO
To: info-hams@ucsd.edu

Arnaldo Coro C0@KK will be in the USA April 16 all day as planned
and will be in Florida and Texas.

Arnaldo is the host of a twice weekly program DXer's Unlimited
on Radio Havana Cuba Tuesday and Saturdays on 6010 5965 15140
ect.

for further information contact Roger Townsend aa367@freenet.carleton.ca
or tel 613 592 1401 .
For people in the USA a direct telephone connection to Cuba can
be arranged on the above number.

Regards
Roger Townsend VE3XVK

Ottawa Ontario Canada

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Date: 8 Apr 1993 16:17:09 GMT
From: usc!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!
ag821@network.UCSD.EDU
Subject: MFJ ... QRP
To: info-hams@ucsd.edu

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: Thu, 08 Apr 1993 07:49:35

From: yale.edu!nigel.msen.com!fmsrl7!ef2007!ef0535.efhd.ford.com!wmeahan@yale.arpa

Subject: MFJ Super HiQ loop Antenna

To: info-hams@ucsd.edu

In article <79020@cup.portal.com> DT@cup.portal.com (Daniel S Tamashiro) writes:

> Has anyone out there tried out the new MFJ Loop antenna. I live in a small
> apartment and am looking for a small antenna. I am currently looking at the
> MFJ loop and the AEA isoloop. Any reccomendations ?

My wife ordered the MFJ for me for Christmas -- I haven't heard anything
since. Apparently it was still vaporware then, don't know now but I've
yet to hear of anyone who actually got one.

--

Bill Meahan |EFHD Information Systems Staff

Computer Applications Engineer |Ford Motor Company

www@ef5003.efhd.ford.com | +1 313 487 6122

Not an official spokesperson for Ford Motor Company!

Date: 8 Apr 1993 14:18:44 GMT

From: usc!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!

ag821@network.UCSD.EDU

Subject: MFJ Super HiQ loop Antenna

To: info-hams@ucsd.edu

In a previous article, wmeahan@ef2007.efhd.ford.com (Bill Meahan) says:

>In article <79020@cup.portal.com> DT@cup.portal.com (Daniel S Tamashiro) writes:

>
>> Has anyone out there tried out the new MFJ Loop antenna. I live in a small
>> apartment and am looking for a small antenna. I am currently looking at the
>> MFJ loop and the AEA isoloop. Any reccomendations ?

>
>My wife ordered the MFJ for me for Christmas -- I haven't heard anything
>since. Apparently it was still vaporware then, don't know now but I've
>yet to hear of anyone who actually got one.

>

>--

>Bill Meahan |EFHD Information Systems Staff

>Computer Applications Engineer |Ford Motor Company

>www@ef5003.efhd.ford.com | +1 313 487 6122

> Not an official spokesperson for Ford Motor Company!

>

>

Was taking to MFJ about 3 days ago. .. they haven't released it yet.. I thought it might be great for a portable antenna..

Jeff,AC4HF

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: 8 Apr 1993 16:09:12 GMT
From: usc!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!ag821@network.UCSD.EDU
Subject: MFJ Super LOOP ship?
To: info-hams@ucsd.edu

I was talking to MFJ this AM .. and asked about the loop.

They said it will ship in about 2 weeks.. they are planning on having it ad DAYton.

--

Jeff M. Gold, AC4HF
Manager, Academic Computing Support
Tennessee Technological University

Date: Thu, 08 Apr 1993 12:48:21
From: usc!howland.reston.ans.net!gatech!destroyer!fmsrl7!ef2007!ef0535.efhd.ford.com!wmeahan@network.UCSD.EDU
Subject: MFJ Super LOOP ship?
To: info-hams@ucsd.edu

In article <1q1in8\$1tn@news.ysu.edu> ag821@yfn.ysu.edu (Jeff Gold) writes:

>

> I was talking to MFJ this AM .. and asked about the loop.

>

> They said it will ship in about 2 weeks.. they are planning
> on having it ad DAYton.

That's what they told my wife in December.

--

Bill Meahan | EFHD Information Systems Staff
Computer Applications Engineer | Ford Motor Company
www@ef5003.efhd.ford.com | +1 313 487 6122
Not an official spokesperson for Ford Motor Company!

Date: Thu, 8 Apr 1993 15:10:36 GMT
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!cbnewsm!
jeffj@network.UCSD.EDU
Subject: Mods for the Radio Shack 10 meter rig?
To: info-hams@ucsd.edu

I have the HTX-100 and I have heard of a mode to double it's output to 50 watts. Also are there other mods available for the rig? Thanks for any help! 73!

Jeff

--
Jeff Jones AB6MB | OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
jeffj@seeker.mystic.com | Canada/USA Free Trade cost Canada 400,000 jobs.
Infolinc BBS 415-778-5929 | Want to guess how many we'll lose to Mexico?

Date: Thu, 8 Apr 1993 15:34:22 GMT
From: world!mladair@uunet.uu.net
Subject: Need tone decoder circuit
To: info-hams@ucsd.edu

Does anybody out there have a circuit that will decode a 1000Hz tone? Our local ARES uses that frequency tone for its callout pages. I thought about buying a commercial unit, but building them are much more fun! Thanks in advance!

Matt Adair N8SHA EMT-Soon to be!
mladair@world.std.com

Date: 8 Apr 1993 15:17:51 GMT
From: noc.near.net!jericho.mc.com!fir!levine@uunet.uu.net
Subject: Please help. PK-232 vs KAM
To: info-hams@ucsd.edu

I have had a PK232MBX sitting right on top of my TS850 and have no problem. I noise getting into the rig when you transmit? I once cut the white wire (I think white AFSK) and use only

FSK mode now and everything is clean. Some noise was getting into the rig thru the AFSK wire (PK232-->rig). This was by AEA suggestion. Anyway, FSK is much better than LSB mode for RTTY/AMTOR.
73 Bob

Date: Wed, 7 Apr 1993 21:51:04 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfcs!hplvec!scott@network.UCSD.EDU
Subject: Re: RFD: rec.radio.amateur reorganization [discussion summary 3/31]
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, brian@ucsd.edu (Brian Kantor) writes:

>I don't believe that we have to take the behaviour of broken software
>into account when determining the policies of the network. From this
>persons description of the process, POW doesn't obey the standard
>paradigms of Usenet software, and so its behaviour does not count.

And by extensions its users don't count? C'mon. What's required here is not an indictment of other's software, systems, or limitations, but a reasoned discussion of what users of these groups desire and require. Check the postings on this topic. It may not be ideal, and it may not be what you'd like for it to be, but the fact is that many of us have no choice but to use systems that do not deal gracefully with xposting.

What matters are the opinions of the users, not how good or bad the software choices available to them are.

Scott Turner N0VRF scott@hplsla.LVLD.HP.COM
HP VXi Systems Division

Date: Wed, 7 Apr 1993 17:41:22 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfcs!hplvec!scott@network.UCSD.EDU
Subject: Re: RFD: rec.radio.amateur reorganization [discussion summary 3/31]
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, mark@ve6mgs.ampr.org (Mark G. Salyzyn) writes:

>jangus@skyld.tele.com (Jeffrey D. Angus) writes:

>> Don't do it. The more groups you create, the more groups get cross-posted
>> because people are either a) afraid their message won't be read or b) they
>> don't understand how to use thier newsgroup software.

>You are calling us idiots you know, and if not directed at *us*, what
>about people like my wife (completely computer illiterate) who understands
>these concepts and can hit the '?' key when she doesn't ...

Whoa there big fella! :-) Nobody called you or your wife or any of the
rest of us idiots. His statement is fundamentally correct. I work with
educated talented people, many of whom don't have a clue as to how our
newsreader works. It's just not high enough on their priority list.

>Now to the point, one can 'subscribe' to all the groups, ALL news readers
>are capable of reading articles that are cross posted, in their primary
>group only. You do NOT see articles twice (unless a user has broken
>netiquite and multi-posted) and you can see everything! I do not see
>that you are hurt by this progress!

Whoa there once again! My newreader (a Unix based one no less) makes
seperate copies of xposted articles. I get to see *all* xposted
articles multiple times. I do not have the option of changing readers
for a variety of internal reasons. *Many* others are in similar
situations. The xposting problem is *real* for many of us. Please at
the very least do not minimize real problems as you argue for or against
splitting.

Scott Turner N0VRF scott@hpsila.LVLD.HP.COM
HP VXi Systems Division

Date: Wed, 07 Apr 93 15:38:37 EDT
From: sdd.hp.com!zaphod.mps.ohio-state.edu!howland.reston.ans.net!gatech!nanovx!
dragon!blackwlf!nj8j!ben@network.UCSD.EDU
Subject: RFD: rec.radio.amateur reorganization
To: info-hams@ucsd.edu

ikluft@uts.amdahl.com (Ian Kluft) writes:

> However, the NetNews community is not going to lower its expectations
> because of waffle's appearance on the scene with the inability to handle news
> articles according to the de-facto standards. So, while it isn't right to
> say "Get your software fixed" to a waffle user, neither is it correct to
> change any proposals just for waffle. At some point, you will need to send
> input to the authors saying you want proper handling of cross-posted articles
> because they are a reality - and in the cases they were designed for, they ar
> even useful. Once they fix it, the problem will be solved for all of us.

Notice that I wasn't really calling for a reduction of expectations - I'm in
favor of a split in rec.radio.amateur.*, even though it may result in me

seeing some messages more than once - by now I'm used to hitting the 'n' key when I recognize that I've seen a message before. And for that matter, sometimes the second or third reading provokes a response that the first reading didn't.

There's a difference between saying that only readers that conform to the de-facto standard will be taken into consideration and saying that there exist no readers(or other news-reading mechanisms) that do not conform to that standard(which is essentially what the post I originally responded to said). Waffle is not the only non-conforming mechanism. Sites that gateway USENET into Fidonet(or make newsgroups available via Fidonet Technology) will turn cross-posted messages into multiple copies. The same is true for newsgroup-to-mailing-list gateways(which, I note, is a consideration in the rec.radio.amateur.* reorganization). I'm sure there are other examples that I don't know about.

For single-user Waffle sites, there may be a solution, as someone recently posted a program that will go through a Waffle news spool and delete all but one copy of cross-posted messages. For multi-user sites, that isn't appropriate, as users will probably not be subscribing to all newsgroupss. I may give it a try and see if it works out on my under-powered system(a 10-Mhz V20 XT clone).

Ben

```
+-----+-----+
| Ben Coleman NJ8J | "All that is not eternal is |
| Packet: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA | eternally irrelevant." |
| Internet: ben@nj8j.atl.ga.us | |
| or ben@nj8j.blackwlf.mese.com | C. S. Lewis |
+-----+-----+
```

Date: 8 Apr 1993 16:48:32 GMT
From: pipex!bnr.co.uk!zaphod.axion.bt.co.uk!serval!jmitchen@uunet.uu.net
Subject: Russian Amateurs in Tomsk address ??
To: info-hams@ucsd.edu

A few days ago, I posted for some QSL info on a UA9 station.

I now have the information.
Thank you to all who replied.

(Thanks esp. to Thomas Planke (DL5ATP) whom I tried to thank by e-mail, but the message bounced saying that "A loop has been detected in the Trace at field for this Message".)

Jonathan.

Jonathan Mitchener. | Software Development Division, (D&P), Room G61, B81
BT. | BTL, Martlesham Heath, IPSWICH, Suffolk, IP5 7RE UK.
Tel:+44 473 642598. | Fax:+44 473 644605. Email: J.Mitchener@axion.bt.co.uk
~~~~~

-----  
Date: 8 Apr 1993 15:10:21 GMT  
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!zaphod.mps.ohio-state.edu!  
howland.reston.ans.net!noc.near.net!jericho.mc.com!fir!levine@network.UCSD.EDU  
Subject: Some R5/R7 antenna questions...  
To: info-hams@ucsd.edu

I had used the R5 for 2 years then upgraded to the R7. I have them mounted about 25' above ground strapped to a large chimney. I have over 200 countries on them. They are amazing antennas and I highly recommend them if space is a problem for you as it was for me. The R7 can be held horizontally but it flexes about 2 feet. Mounting it that way probably won't work as the counterpoise elements won't function as intended. I have seen that thing being whipped by 80mph winds and it held up no problem.

73 Bob KD1GG

-----  
Date: 8 Apr 93 13:43:16 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: STS-56 Mission Sighting & Keps  
To: info-hams@ucsd.edu

SB SAREX@AMSAT \$STS-56.004  
STS-56 Launch Sightings

The Space Shuttle Discovery lit up a significant portion of the Eastern Coast of the U.S. early this morning as it lofted the STS-56 crew into a highly inclined orbit trajectory. The spectacular night launch occurred on time at 5:28:59.95 UTC or 1:29 am Eastern Daylight Time.

Individuals as far north as New York saw the Space Shuttle roar up the East Coast on its nightly trajectory. In the Washington D.C. area, several people saw the Shuttle for approximately 1 minute as it raced

from Southeast to almost due East. When the shuttle main engines cut off at 8 minutes and 40 seconds into the flight, the Shuttle virtually disappeared from view. Walt Daniel, N3KVQ discribed it as follows:

"I stayed up and watched the skies to the East from the QTH in Annapolis (Maryland). The launch took place at 1:29 AM EDT on 8 April 1993. At about 1:36 AM EDT, I saw the Shuttle come into view. It was brighter than Jupiter and moving pretty quickly (across about 60 degrees of azimuth in one minute). The elevation never got above 10-15 degrees; if the leaves had been on the trees, I would not have been able to see it. The most interesting aspect of the sighting was that I could clearly see the brightness fade as the Shuttle main engines were shut down (I was listening to the WA3NAN rebroadcast). The shutoff took place at about 1:37 AM and I could not see the Shuttle after several seconds."

The STS-56 ATLAS-2 mission will carry out atmospheric investigations of the Earth's Ozone layer during the planned 9 day flight. Also, on-board as a seconadry payload is the Shuttle Amateur Radio Experiment (SAREX). SAREX allows school groups and amateur radio operators to talk to the Shuttle Crew while they are on orbit.

Gil Carman, WA5NOM, from the Johnson Space Center reports that since the launch was on time and the OMS-2 burn was nominal, the Keplerian elements (JSC-006) are still good for now. The next Keplerian element update will occur sometime today. A copy of element set JSC-006 is provided below.

STS-56

|   |        |         |             |           |          |                     |    |
|---|--------|---------|-------------|-----------|----------|---------------------|----|
| 1 | 00056U | 93      | 98.28867013 | .00055200 | 00000-0  | 16200-3 0           | 68 |
| 2 | 00056  | 57.0020 | 178.6504    | 0011289   | 286.7156 | 73.2672 15.91759473 | 24 |

Satellite: STS-56

Catalog number: 00056

Epoch time: 93098.28867013 = ( 8 APR 93 06:55:41.10 UTC)

Element set: JSC-006

Inclination: 57.0020 deg

RA of node: 178.6504 deg

Eccentricity: .0011289

Arg of perigee: 286.7156 deg

Mean anomaly: 73.2672 deg

Mean motion: 15.91759473 rev/day

Decay rate: 5.52000e-04 rev/day^2

Epoch rev: 2

Space Shuttle Flight STS-56  
Prelaunch Keplerian Elements  
Launch: 8 APR 93 05:29 UTC

G. L. Carman

NASA Johnson Space Center

Submitted by Frank H. Bauer, KA3HDO for the SAREX working group

/EX

-----  
Date: 8 Apr 93 12:43:07 GMT  
From: gumby!wupost!uwm.edu!msuinfo!netnews.upenn.edu!prijat!triangle.cs.uofs.edu!  
bill@yale.arpa  
To: info-hams@ucsd.edu

References <1pl679INNfs6@hp-col.col.hp.com>,  
<1993Apr5.144739.12511@cbnewsm.cb.att.com>, <1993Apr7.075638.5514@usl.edu>  
Subject : Re: Worked Him????

In article <1993Apr7.075638.5514@usl.edu>, cfm1471@ucs.usl.edu (Morrison Charles  
F) writes:

|>  
|> Where did you get his call to qsl him?  
|>

-----  
Date: (null)  
From: (null)  
bill KB3YV

--

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Bill Gunshannon  | "There are no evil thoughts, Mr. Reardon" Francisco |
| bill@cs.uofs.edu | said softly, "except one; the refusal to think."    |
|                  | #include <std disclaimer.h>                         |

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End of Info-Hams Digest V93 #434  
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